Special Issue

Membrane Protein to Antibiotic Resistance, Morphological Transition and Bacterial Virulence in Gram-Positive Bacterial Infections

Message from the Guest Editor

Infections caused by Gram-positive bacteria such as Listeria monocytogenes, Clostridium difficile, methicillin-resistant Staphylococcus aureus (MRSA), vancomycin-resistant enterococci (VRE), Mycobacterium tuberculosis (MTB), and Nontuberculous Mycobacteria (NTM) represents a serious threat to public health and the economy. Notably, the incidence of multidrug-resistant pathogenic strains is increasing in many parts of the world. Therefore, the disease has continued to spread. In those infectious diseases, the most important factors affecting the cure rates are bacterial characteristics and host factors. Thus, potential topics include but are not limited to membrane protein contributions to: 1) Antibiotic resistance; 2) Morphological transition; 3) Bacterial virulence; 4) Host immune response. The main objective of this Special Issue is to provide a platform for the exchange of novel advances in Gram-positive bacteria infectious diseases, which may be helpful in new drug/novel vaccine discovery to limit the spread of disease.

Guest Editor

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Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375). *Membranes* is an international, peer-reviewed open accessjournal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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